

**Patent
Joint Inventors**

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As below named inventors, we hereby declare that:

Our residence, post office address and citizenship are as stated below next to our names.

We believe we are the original, first and joint inventors of the subject matter which is claimed and for which a patent is sought on the invention entitled:

DRIVE SCHEMES FOR GRAY SCALE BISTABLE CHOLESTERIC REFLECTIVE DISPLAYS UTILIZING VARIABLE FREQUENCY PULSES

including any amendments referred to below, the specification of which

X is attached hereto.

— was filed on ^ as Application Serial No. ^ and was amended on ^.

We hereby state that we have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

We acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

We hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Priority Claimed

None

Number	Country	Date Filed	Yes	No
--------	---------	------------	-----	----

We hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, we acknowledge the duty to disclose

English Language Declaration

Patent
Joint Inventors

material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

None

Application Ser. No.

Filing Date

Status

We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

POWER OF ATTORNEY: As named inventors, we hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Reese Taylor (Reg. No. 22,325); Phillip L. Kenner (Reg. No. 22,353); Edward G. Greive (Reg. No. 24,726); Donald J. Bobak (Reg. No. 27,182); Ray L. Weber (Reg. No. 26,519); Joseph G. Curatolo (Reg. No. 28,837); Rodney L. Skoglund (Reg. No. 36,010); Andrew B. Morton (Reg. No. 37,400); Arthur M. Reginelli (Reg. No. 40,139); Shannon V. McCue (Reg. No. 42,859); Michael F. Morgan (Reg. No. 42,906); Salvatore A. Sidoti (Reg. No. 43,921); John J. Cunniff (Reg. No. 42,451); and Mark L. Weber (Reg. No. 46,069).

Send Correspondence to:

Ray L. Weber

Renner, Kenner, Greive, Bobak, Taylor & Weber
First National Tower, Fourth Floor
Akron, Ohio 44308-1456
Telephone: (330) 376-1242

Direct Telephone Calls to:

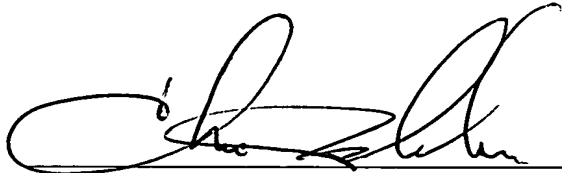
Ray L. Weber

Telephone: (330) 376-1242

English Language Declaration

Patent
Joint Inventors

Inventor:


CHRIS BLACKSON

Date


2/5/01

Residence: 1387 Suffield Oaks Lane, Suffield Township, Ohio 44260

Post Office Address: 1387 Suffield Oaks Lane, Suffield Township, Ohio 44260

Citizenship: United States of America

Inventor:


TODD ERNST

Date

2/5/2001

Residence: 71 Nottingham Street, Tallmadge, Ohio 44278

Post Office Address: 71 Nottingham Street, Tallmadge, Ohio 44278

Citizenship: United States of America

Inventor:


XIAO-YANG HUANG

Date

2/5/2001

Residence: 4622 Dresher Trail, Stow, Ohio 44224

Post Office Address: 4622 Dresher Trail, Stow, Ohio 44224

Citizenship: P.R. China